

ABSTRACT

Using an index indicating the amount of motion and noise in the video image calculated on the basis of the discrepancy pixel numbers of image two fields ago and the present image, the reliability of detection result is obtained and utilized, so as to improve the repeat field detection accuracy and the scene change detection accuracy. Further, adaptive filter accuracy is improved by changing the determination conditions in the determination of the filter to be used. In addition, filter control accuracy is improved by suppressing the filter fluctuation per unit time.